

ECS Configuration Change Request

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Page(s)

1. Originator Sukhada Gore	2. Log Date: 6/3/02	3. CCR #: 02-0458	4. Rev: —	5. Tel: 301-925-0638	6. Rm #: 2009J	7. Dept. DEV/CO
8. CCR Title: Patch_6A.06_ESDT.03_MODIS : Contains fix for Sev. 5 NCRs - 33738, 33722. Created new INGEST Database entries for MODIS ATmosphere version 4 ESDTs. Updated DMS Validates file for AIRS descriptors.						
9. Originator Signature/Date Sukhada Gore /s/ 6/3/02			10. Class II	11. Type: CCR	12. Need Date: 03Jun02	
13. Office Manager Signature/Date Tim Ortiz /s/ 6/3/02			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted:			17. Schedule Impact:		18. CI(s) Affected:SDSRV/ESDT/INGEST	
19. Release Affected by this Change: 6A		20. Date due to Customer: 03Jun02		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 33738, 33722						
23. Problem: (use additional Sheets if necessary) ECSed33738 St=C, Sv=5, Bug id = ECSed33738, Desc: Create new INGEST Database entries MODIS ATmosphere version 4 ESDTs ECSed33722 St=T, Sv=2, Bug id = ECSed33722, Desc: GSFC/SMC - SENSOR and SOURCE validates for AIRS are not specified						
24. Proposed Solution: (use additional sheets if necessary) Provide as Patch_6A.06_ESDT.03_MODIS						
25. Alternate Solution: (use additional sheets if necessary) Delay testing by science teams; wait until next full system delivery						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Delays in testing ESDTs at the DAACs or possible delays in INGEST of data.						
27. Justification for Emergency (If Block 15 is "Emergency"): ESDTs are needed at the GSFC DAAC for immediate testing.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): A. Abtahi /s/ 6/3/02			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB			
33. M&O CCB Chair (Sign/Date): Debra Stepp /s/ 6/3/02			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: 02-0458 **Rev:** — **Originator:** Sukhada Gore

Telephone: 301-925-0638 **Office:** 2009J

Title of Change: Patch_6A.06_ESDT.03_MODIS : Contains fix for Sev. 5 NCRs - 33738, 33722. Created new INGEST Database entries for MODIS ATmosphere version 4 ESDTs. Updated DMS Valid file for AIRS descriptors.

Actions

Clearcase :

Please build SUN5.8 tar file from 6A.06 baseline for the following file :

/ecs/formal/DM/DDICT/src/database/ :
EcDmDbVALID_NCR33722.sql

Also, please build IRIX tar file from 6A.06 baseline for the following file :

/ecs/formal/INGEST/common/src/sybase/ :
EcInDbESDT_NCR33738.sql

Please name the tarfile Patch_6A.06_ESDT.03_MODIS

This is for GSFC DAAC.

DAAC Install Instructions :

Untar both the SUN and IRIX tar file.

To install INGEST database patch :

1. Login to the Ingest host .
2. cd /usr/ecs/<MODE>/CUSTOM/dbms/INS
3. cp <staging_area>/EcInDbESDT_NCR33738.sql .
4. chmod 755 EcInDbESDT_NCR33738.sql
5. Run the script by entering the following:

EcInDbESDT_NCR33738.sql <MODE> <USERNAME> <SERVER> <DBNAME>

where: MODE is OPS, TS1 or TS2

USERNAME is the dbo for the Ingest Database (ingest_role)

SERVER is the sybase server name for the Ingest Database

DBNAME is the name of the current Mode database (Ingest for OPS, Ingest_TS1 or Ingest_TS2)

You will be prompted for a Password. Enter the DBO password for the database.

A log will be put in the /usr/ecs/<MODE>/CUSTOM/logs directory

To install DMS Valid file :

1. Open ECS Assistant on DMS host
2. Click on Subsystem Manager
3. Select MODE
4. Select subsystem DM and double click on DM
5. Double click on EcDm
6. Click on Install button
7. Select Installation Type as Normal, Source file location Non Stage.
8. Select .EcDmDatabase.pkg and click OK
9. Once the package has been installed successfully, then
10. cd /usr/ecs/<MODE>/CUSTOM/dbms/DMS
11. cp -p <staging_area>/EcDmDbVALID_NCR33722.sql .

Now run the scripts one by one, using following commands :
EcDmDbVALID_NCR33722.sql MODE USERNAME SERVER DBNAME

Where

MODE is OPS, TS1 or TS2
USERNAME is the dbo for the DMS Database
SERVER is the sybase server name for the DMS Database
DBNAME is the name of the current Mode DMS database

Enter the password for the USERNAME

Once the scripts have been run successfully, you can check the logs file for errors.

Note : Ingest database patch - (EcInDbESDT_NCR33738.sql) has to be installed in order to Ingest the data related to the datatypes which are sent with Patch_6A.05_ESDT.30_MODIS.

DMS Valid - (EcDmDbVALID_NCR33722.sql) file is related to the AIRS descriptors which have already been delivered as Patch_6A.05_ESDT.27_AIRS.